

Converting Colors

$Y_{xy}(23.1215, 0.3711, 0.2586)$

Have a look what the booklet for
Yxy(23.1215, 0.3711, 0.2586)
contains.

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Color

Yxy(22.9925, 0.3701, 0.2574)

Conversions

Conversions Part 1

Format	Color
Hex	C4639A
RGB	196, 99, 154
RGB Percent	77%, 39%, 60%
CMY	0.2314, 0.6117, 0.3960
CMYK	0.00, 0.49, 0.21, 0.23
HSL	326°, 45%, 58%
HSV	326°, 49%, 77%
XYZ	33.0595, 22.9925, 33.2739
YIQ	134.2730, 40.1570, 37.6690

Conversions

Conversions Part 2

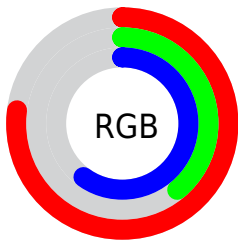
Format	Color
R_{YB}	196, 99, 154
Decimal	12870554
CIE _{Lab}	55.06, 45.32, -12.19
CIE _{LCh}	55, 46.930, 344.947
Yxy	22.9925, 0.3701, 0.2574
Android (android.graphics.Color)	4291060634 (0xFFC4639A)
YUV	134.2730, 9.7254, 54.1346
Hunter-Lab	47.9505, 39.1537, -7.5773

Details

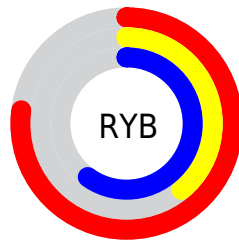
The Yxy color **22.9925, 0.3701, 0.2574** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.0535, 0.2804, 0.4161**, and the grayscale version is **23.8993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5965, 0.3591, 0.2726**, and **8.5878, 0.3901, 0.2346** is the 20% darker color. If you saturate the color by 10%, you get **19.4468, 0.3875, 0.2452**, and if you desaturate by 10%, it is **27.4616, 0.3547, 0.2714**.

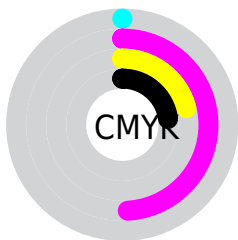
Distribution



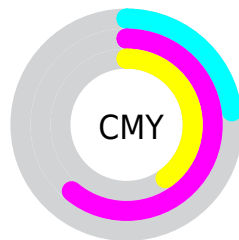
- Red (77%)
- Green (39%)
- Blue (60%)



- Red (77%)
- Yellow (39%)
- Blue (60%)



- Cyan (0%)
- Magenta (49%)
- Yellow (21%)
- Black (23%)




- Cyan (23%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9925, 0.3701, 0.2574 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 22.9925, 0.3701, 0.2574 by changing the saturation by 10% instead.

 22.9925, 0.3701,
0.2574


 22.9925, 0.3701,
0.2574


267.6865, 0.3392,
0.2952


 14.5880, 0.3786,
0.2473


 48.3810, 0.3583,
0.2716

 8.5307, 0.3900,
0.2340


 66.1338, 0.3540,
0.2768

 4.4364, 0.4062,
0.2157


 87.7714, 0.3505,
0.2811

 1.9205, 0.4306,
0.1889

 113.6783, 0.3475,
0.2848

 0.5607, 0.4756,
0.1391

144.2389, 0.3450,
0.2880

 0.0000, 0.6953,
0.0000

179.8375, 0.3428,

 0.0000, 0.0000,

0.2907

0.0000

220.8586, 0.3409,
0.2931

■ 22.9925, 0.3701,
0.2574

■ 22.9925, 0.3701,
0.2574

■ 19.4468, 0.3875,
0.2452

■ 27.4616, 0.3547,
0.2714

■ 16.7542, 0.4067,
0.2358

■ 32.9107, 0.3413,
0.2863

■ 14.8402, 0.4269,
0.2307

■ 39.3959, 0.3299,
0.3013

■ 13.6153, 0.4473,
0.2305

■ 46.9680, 0.3203,
0.3158

■ 12.9180, 0.4673,
0.2351

■ 55.6747, 0.3123,
0.3297

 12.8864, 0.4683,
0.2354

 65.5604, 0.3057,
0.3427

 76.6674, 0.3002,
0.3547

 88.5227, 0.2956,
0.3650

 88.9889, 0.2911,
0.3555

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.9925, 0.2856, 0.2208



22.9925, 0.3701, 0.2574



22.9925, 0.4445, 0.3091

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.9925, 0.3701, 0.2574



22.9925, 0.3983, 0.4730



22.9925, 0.1724, 0.2559

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



22.9925, 0.3701, 0.2574



44.0535, 0.2804, 0.4161

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



22.9925, 0.1938, 0.3298



22.9925, 0.3701, 0.2574



22.9925, 0.3216, 0.4772

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



22.9925, 0.3701, 0.2574



22.9925, 0.4564, 0.4272



22.9925, 0.2467, 0.4196



22.9925, 0.1813, 0.2155

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



22.9925, 0.3701, 0.2574



22.9925, 0.4717, 0.3480



22.9925, 0.2467, 0.4196



22.9925, 0.1760, 0.2770

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



22.9936, 0.3701, 0.2574



76.9561, 0.3256, 0.3075



18.4352, 0.2565, 0.1881



15.8600, 0.3278, 0.3044



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.9936, 0.3701, 0.2574



34.9842, 0.3883, 0.2447



21.7234, 0.4384, 0.3187



10.1715, 0.3202, 0.3160



8.2981, 0.4657, 0.2339



0.3722, 0.4250, 0.2115

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22.9936, 0.3701, 0.2574



34.9842, 0.3883, 0.2447



45.7579, 0.2528, 0.3408



10.1715, 0.3202, 0.3160



8.2981, 0.4657, 0.2339



0.3722, 0.4250, 0.2115

Previews

White Background



This preview shows how the Yxy color 22.9925, 0.3701, 0.2574 looks on a white background.

Color Contrast Check

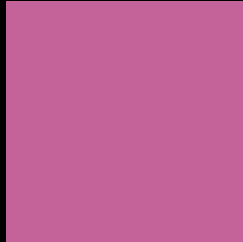
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 22.9925, 0.3701, 0.2574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

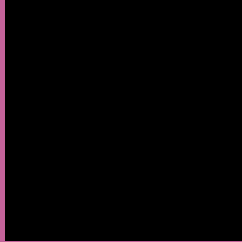
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.9925, 0.3701, 0.2574

Background



This preview shows how black text looks on a background with the Yxy color 22.9925, 0.3701, 0.2574.



This preview shows how white text looks on a background with the Yxy color 22.9925, 0.3701, 0.2574.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

22.9925, 0.3701, 0.2574

Protanopia

23.3603, 0.2593, 0.2556

Deuteranopia

23.1888, 0.3007, 0.2956



Tritanopia

22.9597, 0.4173, 0.3184

Trichromacy



Original Color

22.9925, 0.3701, 0.2574

Protanomaly

22.3167, 0.2934, 0.2531

Deuteranomaly

22.4603, 0.3236, 0.2778

Tritanomaly

22.8231, 0.3999, 0.2954

Monochromacy



Original Color

22.9925, 0.3701, 0.2574

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.7659, 0.3337, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9925, 0.3701, 0.2574 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(196, 99, 154)` looks like.

```
.text, #text, p{  
    color:rgb(196, 99, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(196, 99, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 99, 154) }
```

Border

The CSS property to change the border of an element to Yxy 22.9925, 0.3701, 0.2574 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 99, 154) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(196, 99, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(196, 99, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 99, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 99, 154); box-shadow:4px 4px 4px 4px rgb(196, 99, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9925, 0.3701, 0.2574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 99, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(196, 99,  
154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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